Nationals **COMPU-TRONIC***
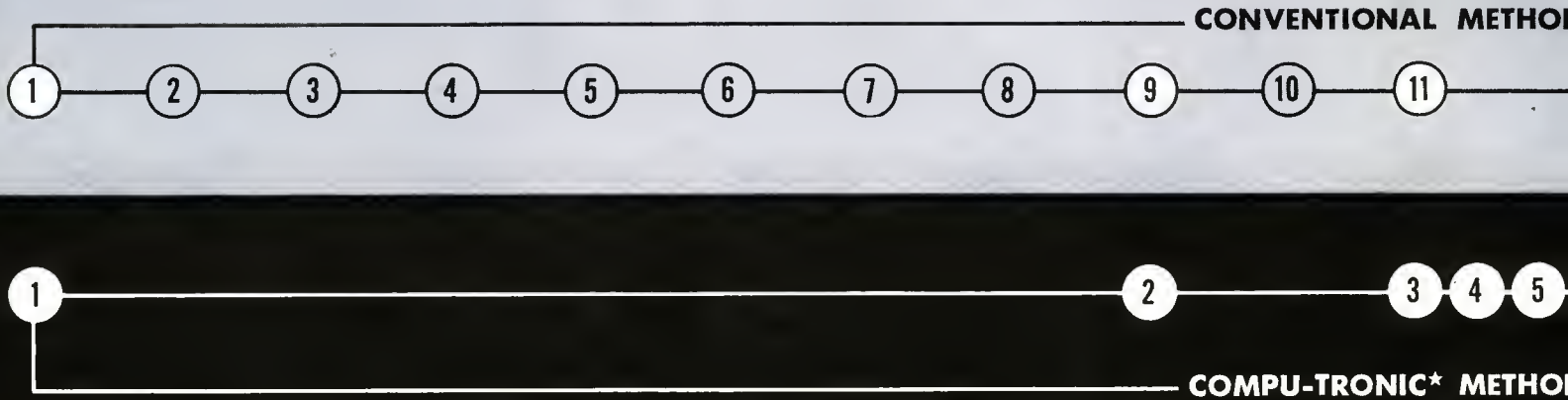
MULTIPLIES PAYROLL ACCOUNTING VERSATILITY

A Flow Chart Supplement to S.P. 1441

"From Clock Card to Final Reports VIA COMPU-TRONIC"

Trademark★

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪

① ② ③ ④ ⑤

PAYROLL PREPARATION

CONVENTIONAL   **COMPU-TRONIC★**

① Determine employee's total regular and premium hours—record on clock card or payroll work sheet.   ①

② Enter employee's rate in a calculator.

③ Enter employee's regular hours in a calculator.

④ Calculate employee's regular earnings.

⑤ Record regular earnings on clock card or payroll work sheet.

⑥ Enter employee's premium hours in a calculator.

⑦ Calculate employee's premium earnings.

⑧ Record premium earnings on clock card or payroll work sheet.

⑨ Prepare add-list of hours to establish payroll control.

⑩ Prepare add-list of earnings to establish payroll control.   ②

608 16 9090
R. T. WOODWARD

4538

NAME & CHECK NUMBER

1	Σ7⁰⁰	ⲣ6⁵⁹	҂6⁷⁷	ⲍ7⁰⁰	ⲥ6⁵⁷	ⲩ7⁰⁰		
2								
3								
4								
5	Σ11⁰¹	ⲣ11⁰⁰	҂11⁰²	ⲍ11⁰¹	ⲥ11⁰⁰	ⲩ11¹²		
6	Σ11⁵⁷	ⲣ11⁵⁵	҂11⁵⁹	ⲍ11⁵⁶	ⲥ11⁵⁷			
7								
8								
9								
10	Σ4⁰²	ⲣ4⁰¹	҂4⁰²	ⲍ4⁰¹	ⲥ4⁰³			
11								
12								
13								
14								
15								
16								

Daily Totals	1st DAY 8.	2nd DAY 8.	3rd DAY 8.	4th DAY 8.	5th DAY 8.	6th DAY 4.2	7th DAY	44.2

F 3618 10 10 50 The N.C.R. Co.

Simplifies ...
operations...
cision...
and e...

Eliminates ...
and c...
ventio...
time...
and p...

Eliminates ...
nume...
transp...
incorr...
incorr...
erron...

Provides ...
cilitat...
end V...

○ denotes manual operation eliminated by National's COMPU-TRONIC★

★ denotes automatic operations

⚡ denotes electronic calculation

REDUCES MANUAL OPERATIONS BY

ONVENTIONAL METHOD

(10) — (11) — (12)(13) — (14)-(15)-✳-(16)-(17)-(18)-(19)-(20)-(21)-(22)-(23)-(24)-✳ ✳ ✳
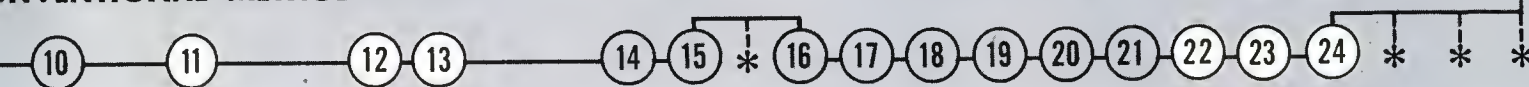
OMPU-TRONIC★ METHOD

(3)(4)(5)(6)(7) ⚡ ⚡ ✳ ✳ ✳ ⚡ ✳ ⚡ ✳ (8)(9)(10) ✳ ✳ ✳
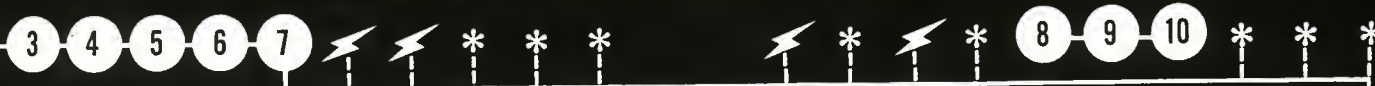
PAYROLL WRITING

Advantages

Simplifies pre-payroll and payroll writing operations . . . reduces operation decisions . . . promotes speed, efficiency, and economy.

Eliminates $58\frac{1}{3}\%$ of the time consuming and costly operations found in conventional systems . . . shortens the time required to perform pre-payroll and payroll writing operations.

Eliminates delays caused by:
numerous pre-listing operations
transposition of amounts
incorrect reading of calculator dials
incorrect reading of charts
erroneous mental calculations

Provides accurate updated records . . . facilitates quarterly reporting and year end W-2 processing.

OPERATIONS BY $58\frac{1}{3}\%$

CONVENTIONAL		COMPU-TRONIC★
(11)	Pick up employee's previous updated balances.	(3)
	Post employee's rate to payroll records.	(4)
	Post employee's dependency status to payroll records.	(5)
(12)	Post regular hours to payroll records.	(6)
(13)	Post premium hours to payroll records.	(7)
	Calculate regular earnings.	⚡
	Calculate premium earnings.	⚡
(14)	Post regular earnings to payroll records.	✳
(15)	Post premium earnings to payroll records.	✳
----✳	Post "period ending date" and gross earnings to payroll records.	✳
(16)	Make mental notation of dependency status.	
(17)	Make mental notation of over/under $4,200 status.	
(18)	Select proper amount on tax chart.	⚡
(19)	Post combined tax deduction to payroll records.	✳
(20)	Calculate state and/or city tax deduction.	⚡
(21)	Post state and/or city tax to payroll records.	✳
(22)	Post insurance deduction to payroll records.	(8)
(23)	Post miscellaneous deduction to payroll records.	(9)
(24)	Type employee's name.	(10)
----✳	Enter date and check number.	✳
----✳	Enter net amount of check.	✳
----✳	Update proper balances.	✳

7TH DAY 44.2
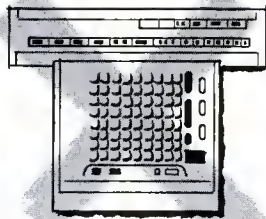
CALCULATOR

PENCIL
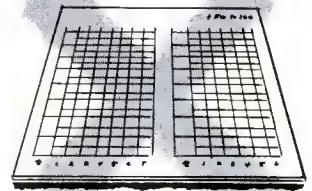
TAX CHART

National's **COMPU-TRONIC**

Trademark★

OTHER APPLICATIONS

Daily Wage Accrual	Mortgage Accounting	General Accounting
Labor Distribution	Share Accounting	Accounts Receivable
Inventory Accounting	Dividend Accounting	Property Accounting
Budgetary Accounting	Royalty Accounting	Savings Accounting
Billing	Commission Records	Revenue Accounting
Accounts Payable	Cost Accounting	Trust Accounting

National's COMPU-TRONIC

was designed for businesses large and small:

Manufacturers	Financial Institutions	Co-operatives
Brokers	Dealers	Government
Construction	Clinics	Processors
Retailers	Wholesalers	Distributors
Lumbering	Insurance	Publishing and Printing
Utilities	Hospitals	Hotels
Mining	Importers & Exporters	etc.

National's Compu-Tronic is specifically designed with accounting in mind. Its many distinctive features *Multiply* the flexibility which has won for The National Cash Register Company the distinction of being known as the manufacturer of "The World's Most Versatile Accounting Machines."

✳ *Electronic* **Computation** may be program or manually controlled ... separate Program Bar provides complete control over Factor Selection, Calculation, and Reading of Product ... keyboard controls permit calculation independent of program control.

✳ **Complete Alpha-Numeric Facility**

Full Numeric Keyboard invites speed and accuracy without need for specialized training ...

Electric "Alpha-Keyboard"—essential for complete accounting—provides full description facilities without duplication of effort or need for auxiliary equipment.

✳ *Electronic* **Speed** permits "split-second" calculations without restricting or reducing the efficiency of the basic accounting functions.

✳ **Complete Variable Program Controls**

Removable Program Bars provide complete flexibility ... permit mechanization of all accounting records—compatible with full automation ...

Instant Simultaneous Access to all memory units (totals), and electronic commands provides flexible input, computation, and readout ability.

✳ *Electronic* **Self-Checking Feature** automatically proves product calculation, assures greater accuracy, promotes efficiency, and increases the reliability of accounting information.

✳ **Complete Direct "Single Key"**
Reverse Entry Control

Instant Memory Unit Reversal provides fast, accurate correction of erroneous postings and reversal of accounting entries ... ALL WITHOUT HAVING TO DETERMINE WHICH MEMORY UNITS ARE TO BE AFFECTED ...

Simultaneous Reverse Entry Symbol provides definite identification of all reverse entries.
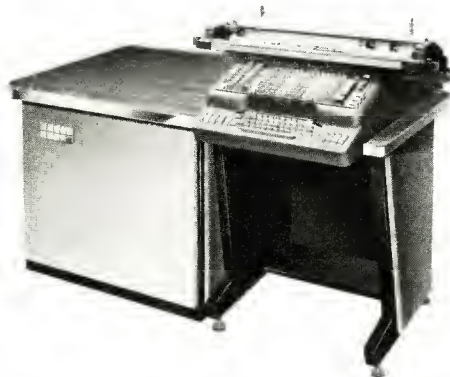
✳ *Electronic* **Interrogation** of memory units provides the ability to automatically transfer amounts from the left side of a memory (or numeric keyboard) to the right side of a memory ... permits programmed introduction of a series of factors, variable or constant ... increases the versatility of accounting functions.

✳ **Complete Automatic**
Memory Unit Readout

Automatic Positive, and Negative Balances provide speed and accuracy without thought or effort by the operator ...

Automatic Accumulated Memory Readout establishes definite control over report totals ...

Electronic Memory permits automatic multiple calculations to be made involving constant factors.

✳ *Electronic* **Erasure of Factors**—introduction of new factor automatically erases previous factor —eliminates need for separate clearing operation ... provides speed and accuracy ... contributes to accounting economy.

✳ **Complete Visibility**

Full Visibility of previous entries and posting area contributes to neatness ... simplifies record insertion, and encourages more accurate alignment ...

Visible Program Index permits prompt verification of program selection ... guards against improper entries being made to accounting records ..

Positive Visible Index Pointers—designating where alphabetic and numeric printing will occur—simplify operator training and encourage more accurate column selection.

✳ *Electronic* **Decimal Pointoff** provides correct punctuation with automatic "round-off" of the product.

These and other features—fluid drive carriage, split platen, activity counters, variable dates, automatic carriage opening and closing, etc.— provide the posting *speed, efficiency, dependability,* and *accuracy* for which "The World's Most Versatile Accounting Machines" have been acclaimed.

THE NATIONAL CASH REGISTER COMPANY

Dayton 9, Ohio

World-Wide Service

Consultation · Installation · Service · Supplies